

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO. <b>PCT/GB03/01652</b>	INTERNATIONAL FILING DATE <b>16 APRIL 2003</b>	PRIORITY DATE CLAIMED <b>16 APRIL 2002</b>
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TITLE OF INVENTION  
**NEEDLE WITH LATERAL APERTURE**

APPLICANT(S) FOR DO/EO/US  
**PETER J. CROCKER**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. **ET 436732374 US**
23.  Other items or information:

IPL-005-PCT

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR  
N/A **10/509692**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR <b>10NA509692</b>	INTERNATIONAL APPLICATION NO. PCT/GB03/01652	ATTORNEY'S DOCKET NUMBER <b>IPL-005-PCT</b>												
24. The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>												
<b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;"><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....</td> <td style="width: 20%; text-align: right; padding: 2px;">\$1080.00</td> </tr> <tr> <td><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....</td> <td style="text-align: right; padding: 2px;">\$920.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....</td> <td style="text-align: right; padding: 2px;">\$770.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right; padding: 2px;">\$730.00</td> </tr> <tr> <td><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....</td> <td style="text-align: right; padding: 2px;">\$100.00</td> </tr> </table>		<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$1080.00	<input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	\$920.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$770.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$730.00	<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$100.00			
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<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$920.00</b>												
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).		<b>\$0.00</b>												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>72 - 20 =</td> <td>52</td> <td>x \$9.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$86.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	72 - 20 =	52	x \$9.00	Independent claims	1 - 3 =	0	x \$86.00	
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Total claims	72 - 20 =	52	x \$9.00											
Independent claims	1 - 3 =	0	x \$86.00											
Multiple Dependent Claims (check if applicable).		<input type="checkbox"/> <b>\$0.00</b>												
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1,388.00</b>												
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$694.00</b>												
<b>SUBTOTAL =</b>		<b>\$694.00</b>												
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).		<input type="checkbox"/> + <b>\$0.00</b>												
<b>TOTAL NATIONAL FEE =</b>		<b>\$694.00</b>												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/> <b>\$0.00</b>												
<b>TOTAL FEES ENCLOSED =</b>		<b>\$694.00</b>												
		Amount to be: <b>refunded</b> <b>\$</b> <b>charged</b> <b>\$</b>												
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. <b>\$694.00</b> b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>50-0765</b> in the amount of <b>\$695.00</b> to cover the above fees. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>50-0765</b> d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING: Information on this form may become public. Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.														
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>														
<b>SEND ALL CORRESPONDENCE TO:</b> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>RONALD B. SHERER</b>  <b>103 SOUTH SHAFFER DRIVE</b>  <b>NEW FREEDOM, PA 17349</b> </div>														
<div style="text-align: right;">   <b>SIGNATURE</b> </div> <div style="text-align: right;"> <b>RONALD B. SHERER</b>  <b>NAME</b>  <b>19,977</b>  <b>REGISTRATION NUMBER</b>  <b>28 SEPTEMBER 2004</b>  <b>DATE</b> </div>														

## CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): PETER J. CROCKER

Docket No.  
10/509692  
PCT/0054

Application No. PCT/GB03/01652	Filing Date 16 APRIL 2003	Examiner UNKNOWN	Customer No.	Group Art Unit UNKNOWN
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Invention:

NEEDLE WITH LATERAL APERTURE

I hereby certify that the following correspondence:

PCT APPLICATION

(Identify type of correspondence)

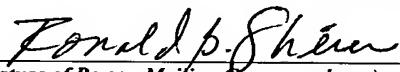
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

28 SEPTEMBER 2004

(Date)

RONALD B. SHERER

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

ET 436732374 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.

10/509692

PTO

EXPRESS MAIL ET 436732374 US

10 Rec'd PCT/USC 28 SEP 2004

RE: PCT/GB03/01652

INTERNATIONAL FILING DATE: 16 APRIL 2003

APPLICANT: PETER J. CROCKER

STATEMENT OF

SMALL ENTITY STATUS

The undersigned hereby states that the Applicant(s) and their Assignees, if any, qualify for Small Entity Status under 37 CFR 1.9 and 1.27.

Ronald B. Sherer  
Ronald B. Sherer  
Counsel for Applicants